23

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CLIMATOLOGICAL MEMORANDUM No.23

Stations with continuous records stored in M.O.3 (HARROW) covering specified periods of years

METEOROLOGICAL OFFICE
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A D D E N D U M

(Page 1A, issued December, 1959)

This Addendum indicates certain corrections to the original text and also brings the document up to date with additions and deletions. No attempt has, however, been made to transfer stations from one 10-year block to another should their records indicate this during 1960.

Page 3 50-59 yr.

Dist.7 after Flt. Hawarden Bridge entry insert

	Den. Colwyn Bay	1908-	1880-Apr. 1881 1894-1905

Dist.8 delete entry for Barnstaple

Page 4 40-49 yr. (contd.)

Dist.7 delete entry for Keswick

30-39 yr.

Dist.5 Croydon, add to Remarks Waddon from 1959

Page 5 30-39 yr. (contd.)

Dist.8 correct spelling of Llety-evan-hen

Page 6 Insert the following

The following stations will be completing 20 years records in 1960:-

Dist.	County	Name of Station	Specified Period
3	Beds.	Dunstable	Oct. 1940-
	Essex	Writtle	Nov. 1940-
4	Staffs.	Oaken (Codsall)	July 1940-
5	Wilts.	West Lavington	Sept. 1940-
7	Lancs.	Nelson	May 1940-
	Mont.	Lake Vyrnwy	June 1940-

Page 7 50-59 yr.

Dist.7 delete entry for Colwyn Bay

Dist.8 Barnstaple, add second line
1902-Sept. 1959 --- N. Dev. Athanaeum

40-49 yr.

Dist.7 Cumb. beneath Scaleby insert Keswick 1919-Apr. 1959

MO Dup 3A

G.1255/MC/12/59/50

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Decimal Index
551.5:06(b):551.506.3

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METEOROLOGICAL OFFICE
CLIMATOLOGICAL SERVICES (M.O.3.)
CLIMATOLOGICAL MEMORANDA, No.23

Stations with continuous records stored in M.O.3. (HARROW) covering specified periods of years

The attached lists give the District, County and name of each station whose records are stored in M.O.3. and whose observations cover a specified (mainly unbroken) period of years; list A deals with stations currently observing, while list B deals with stations whose observations have now ceased. The lists indicate the period of observations which qualifies under the number of years specified in the heading, and any other periods for which records exist in M.O.3.

For stations currently observing, the distribution over England, Wales and N. Ireland is shown on figs. 1, 2 and 3 as follows:-

fig. 1: 20 years or more.
fig. 2: 30-39, 40-49, 50 years or more.
fig. 3: 50-59, 60-69, ——, 100 years or more.

Lists and maps have been prepared as being correct on 1st January, 1959. Although considerable care was taken to avoid errors, it was not practicable to check the completeness or quality of the vast amount of data covered by these lists; some short breaks in the records may have occurred (apart from those noted in the Remarks column of Lists A and B), some stations may have had significant changes of site and most stations will have had their exposure characteristics modified, if only slightly, by urbanisation, by growth (or removal) of trees, or by some other development. Changes of observer or instruments have not been included, nor have gaps in the reporting of one element (eg. sunshine) or gaps due to breakage of an instrument (eg. maximum thermometer).

It is proposed to keep this memorandum up to date by the issue of an amended version about every five years.

H. C. SHELLARD
M.O.3c.

May 1959

G.1483/ED/5/59/50.

Q38

LIST A: stations currently observing (Jan. 1959)

Dist.	County	Name of Station	Dates of records		Remarks
			Specified period	Other period(s)	
		100–109 yr.			
5	Hamp.	Southampton	1855–		
		90–99 yr.			
8	Dev.	Plymouth	1865–		
		80–89 yr.			
2	Dur.	Durham	1873–		
	Y.N.R.	Scarborough	Jul. 1873–		
		York	Jul. 1873–	1807–1808	
3	Suf.	Lowestoft	Apr. 1878–		
	Hert.	Rothamsted	1878–		
4	Y.W.R.	Sheffield	1872		
	Der.	Buxton	1875–		
7	Lanc.	Stonyhurst	1878–		
	Carn.	Llandudno	1875–		
8	Corn.	Falmouth	1878–		Observatory closed 14.5.53.
		Scilly, St. Mary's	Jul. 1873–		
9	Arm.	Armagh	1878–		
		70–79 yr.			
2	Nor.	Cockle Park (Morpeth)	1888–		
	Dur.	Ushaw	1885–		
4	Y.W.R.	Harrogate	1889–		Site changed 15.4.53
	Der.	Belper School	1880–		
	Glos.	Cheltenham	1878–Mar. 1954	Jun. 1956–	
5	Sur.	Addington	Jun. 1889–		
	Sus.	Hastings/ St. Leonards	Jul. 1879–		St. Leonards to 1930
		Worthing	1880–		
	Hamp.	Southsea	1880–	1866–Jul. 1875	
7	Ches.	Macclesfield	1881–		
8	Card.	Aberystwyth	1889–	1883	
	Som.	Weston-super-Mare	Jun. 1880–		
	Dor.	Weymouth	1882–		
	Dev.	Ilfracombe	1880–		
		Sidmouth	1880–		
		60–69 yr.			
2	Y.E.R.	Spurn Head	1897–	1879–1894	
3	Suf.	Felixstowe	1899–		
	Bed.	Woburn	1898–		
4	War.	Birmingham (Edgbaston)	1897–	1841–1883	See 40–49 list
5	Kent	Dungeness	1884–Mar. 1951	1954–	
		Tunbridge Wells	1890–	1880–1886	
	Sus.	Bognor	Jun. 1897–		
7	Lanc.	Southport	1887–Jul. 1955	1956–	
	Flt.	Rhyl	1899–		
8	Pem.	Haverfordwest	1895–		
	Som.	Bath	1899–	1875–Mar. 1876	
	Dor.	Portland Bill	1899–	1876–Oct. 1877	Feb. and Mar. 1952 missing
		Shaftesbury	1895–		
	Dev.	Torquay	1891–	Aug. 1876–Jun. 1889	
	Corn.	Newquay	1891–		
		Penzance	Dec. 1893–		

Dist.	County	Name of Station	Dates of records		Remarks
			Specified period	Other period(s)	
		50-59 yr.			
2	Nor.	Bellingham	Aug. 1908-		
		Tynemouth	1907-		
	Y.N.R.	Ampleforth	1900-		
	Y.E.R.	Hull	1902-	1873-1880	
	Linc.	Skegness	1903-		
3	Norf.	Cromer	1902-	1880-Aug.1889	
	Ess.	Shoeburyness	1903-		
4	Y.W.R.	Bradford	1905-		
	Not.	Nottingham	Apr. 1902-	1876-1882	
	War.	Coventry	1902-		
	Wor.	Malvern	1900-	1835-1838	
5	Lon.	Hampstead	1908-		
		Westminster	1903-		
	Sur.	Wisley	1904-		
	Kent	Dover	Aug. 1907-	1866-1875	
		Margate	1882-Jul. 1940	Dec. 1942-	
		Ramsgate	1904-	Aug. 1874-Jul. 1890	
	Sus.	Brighton	1888-Aug. 1940	1872-1874 Jun. 1947-	
		Eastbourne	1887-Mar. 1942	Jun-Dec. 1876 May-Sept.1877 1878-Apr.1881 1946-	
	Berk.	Reading	1903-	Sept.1885-Oct.1896	
	I.O.W.	Sandown	1906-		
6	I.O.M.	Douglas	1906-	1878-1881	Also Prospect Hill 1886-1892 and Cronkbourne 1878-1905
7	Cum.	Newton Rigg	1903-		
	Lanc.	Burnley	1907-		
		Darwen	1908-		
	Flt.	Hawarden Bridge	1901-		
8	Glam.	Cardiff	1904-	1875-June 1886 1897-1899	
		Swansea	1907-		
	Dev.	Barnstaple	1902-	1871-1883	N.Devon Athenaeum
		Teignmouth	Sept. 1903-	1874-1895	See 20-29 list
		40-49 yr.			
2	Dur.	Chopwellwood	1911-		
	Linc.	Lincoln	Jul. 1886-1929	June 1945	
3	Norf.	Gorleston	1912-	1886-1890	
	Camb.	Cambridge (Botanic Garden)	1916-		Also, for nearby station, 1899-1915
	Bed.	Luton	1916		
	Ess.	Dovercourt	1916-		May-Dec.1956 missing
		Walton-on-Naze	1911-May 1951	Dec. 1955-	
4	Here.	Ross-on-Wye	Jul. 1914-		
	Glos.	Cirencester	1875-Jul. 1915	1926-1928 1931-Sept.1939 Sept. 1949-	
	War.	Birmingham (Edgbaston)	1841-1883	1897 -	See 60-69 list
5	Lon.	Camden Square	1911-	1902-1905	C.S. Gardens from 1957
		Kensington Palace	May 1918-		
	Mid.	Enfield	1911-		

Dist.	County	Name of Station	Dates of records		Remarks
			Specified period	Other period(s)	
5	Sur.	Kew Observatory	1869-1915	1958-	Other years held at Kew
	Sus.	Littlehampton	1916-		
	Hamp.	Bournemouth	1913-	1879-1883 1892-1911	Site changed 1.9.54.
		South Farnborough	Mar. 1914-		
	Wilt.	Marlborough	1916-	1874-1911	See 30-39 list
		Porton	1916-		
	I.O.W.	Ryde	1911-		
7	Cum.	Keswick	1919-	1904-1911	
	Lanc.	Bolton	1916-	Jan.-May 1875 1882-1911	See 30-39 list
		Morecambe	1911-		
	Ches.	Bidston	1911-		
	Ang.	Holyhead/Valley	1912-		Valley w.e.f. Jul.1941
8	Som.	Long Ashtom	1916-		
	Dev.	Exmouth	Jun. 1913-		
		Tavistock	1911-	May 1893-1894	
	Corn.	Bude	Aug. 1913-	Jun.1880-1898 May-Dec. 1911	
		Fowey	1911-		Apr. '49, Feb.'50, Apr.-Dec.'51 missing
		30-39 yr.			
2	Nor.	Berwick-on-Tweed	1921-		
	Dur.	Houghall	1921-		
	Y.E.R.	Bridlington	1911-Jan.1943	Aug. 1952-	
	Linc.	Cleethorpes	1921-		Dec.'56-Mar.'57, May'57-Feb.'58 missing
	Linc.	Cranwell	1920-		
3	Norf.	Sprowston	1921-		
	Hert.	St. Albans	1921-	Jul. 1887-1899	
	Ess.	Clacton	1912-Aug. 1942	1901-1908 Jul. 1946-	
		Earls Colne	1921-		
		Southend	1906-Aug. 1940	1881-1886 Jun. 1945-	
4	Y.W.R.	Huddersfield			
		(Oakes)	1921-		
		(Ravensknowle)	1921-		
		Pontefract	1921-		
	Not.	Mansfield	1926-	1874-1881	
		Sutton Bonington	1921-		
	Nort.	Raunds	May 1904-1934	Oct. 1941-	
	Ox.	Oxford	1873-1911		
		(Radcliffe Observatory)	1925-		
	Shr.	Newport	1928-		
		Shrewsbury	1929-	Apr. 1876-Jan. 1881 1903-1920	
5	Sur.	Croydon	Apr. 1920-	Apr.-Dec. 1902	Addiscombe 1879-1884
	Kent.	Bromley	1927-		
		East Malling	1921-		
		Wye	1921-		
	Sus.	Bexhill	1921-	May 1890-Apr. 1893 1894-Jun.1903 1907-Jul.1915	

Dist.	County	Name of Station	Dates of records		Remarks
			Specified period	Other period(s)	
5	Hamp.	Long Sutton	1921-		
	Wilt.	Larkhill	1921-		
		Marlborough	1874-1911	1916-	See 40-49 list
	I.O.W.	St. Catherine's Point	1924-		
7	Lanc.	Bolton	1882-1911	Jan.-May 1875 1916-	See 40-49 list
	Ches.	Northwich	1889-1920	1947-	
		West Kirby	1926-		West Kirby Park 1951 onward
7	Carn.	Aber	1921-		
8	Card.	Aberystwyth	1921-		
		Llety-evan-hen	1927-		
	Mon.	Usk	1926-		
	Som.	Cannington	1928-		
	Dev.	Newton Abbot	1921-		
		Paignton	Dec.1909-Apr.1941	Aug. 1945	
		Princetown	Aug.1895-1925 1928-	1885-1894	
	Corn.	Ellbridge	1928-		
		Gulval	1921-		
9	Ant.	Aldergrove	1926-		
		20-29 yr.			
2	Y.N.R.	Redcar	Sept. 1937-		
3	Suf.	Mildenhall	Mar. 1935-		
	Ess.	Maldon	1935-		
4	Y.W.R.	Askham Bryan	1931-		
		Bingley	Jun 1934-		
		Rotherham	Nov. 1934-		
	Leic.	Leicester	1936-	1874-1878	
	War.	Shipston-on-Stour	1939-		
		Stratford-on-Avon	1933-		Gap of 6 months, w.e.f. Sept. '55
	Wor.	Droitwich	Dec. 1938-		
5	Lon.	Regents Park	1884-Jun.1910 1932-	Jan.-Mar.1881	
	Mid.	Southgate	Nov. 1938		
	Kent	Deal	1921-Oct.1949	Oct. 1958-	
		Folkestone	1893-Mar.1915 1918-Mar.1940	1876-1880 Oct. 1946-	
		Goudhurst	1936- 1867-1886		
		Whitstable 7	Oct. 1937-		1956 Jan.1-12; Feb.5-19; 1957 Dec.21-31; 1958 Jan.3-27, Jul.1-14 missing
	Sus.	Bodiam	1939-		
		Seaford	1931-	1916-1925	Dec.1958 incomplete
	Berk	Reading (S.T.G.)	Sept. 1938-		
		Wokingham	1904-1925	Feb. 1955-	
	Hamp.	Leckford	1935-		
		Bournemouth	1892-1911	1879-1883 1913-	Site changed 1.9.54 See 40-49 list
	I.O.W.	Ventnor Park	Dec. 1933-	1916-1930	
	Wilt.	Boscombe Down	1930-		
6	I.O.M.	Point of Ayre	Mar. 1935-		
7	West.	Ambleside	1932-	1887-May 1888 Apr.-Sept.1931	
	Ches.	Wallasey	1921-Aug.1941	1948-	Oct.1958 missing
	Flt.	Prestatyn	Jul. 1932-		

Dist.	County	Name of Station	Dates of records		Remarks
			Specified period	Other period(s)	
8	Dor.	Poole	Aug. 1933-		
		Swanage	1931-	1881-Jun. 1884	
	Dev.	Hartland Point	Apr. 1938		
		Teignmouth	1874-1895	Sept. 1903-	See 50-59 list
	Corn.	Lizard	May 1932-		Aug.-Nov.1951 missing
9	Lond.	Garvagh	1936-		
	Down	Hillsborough	1930-		

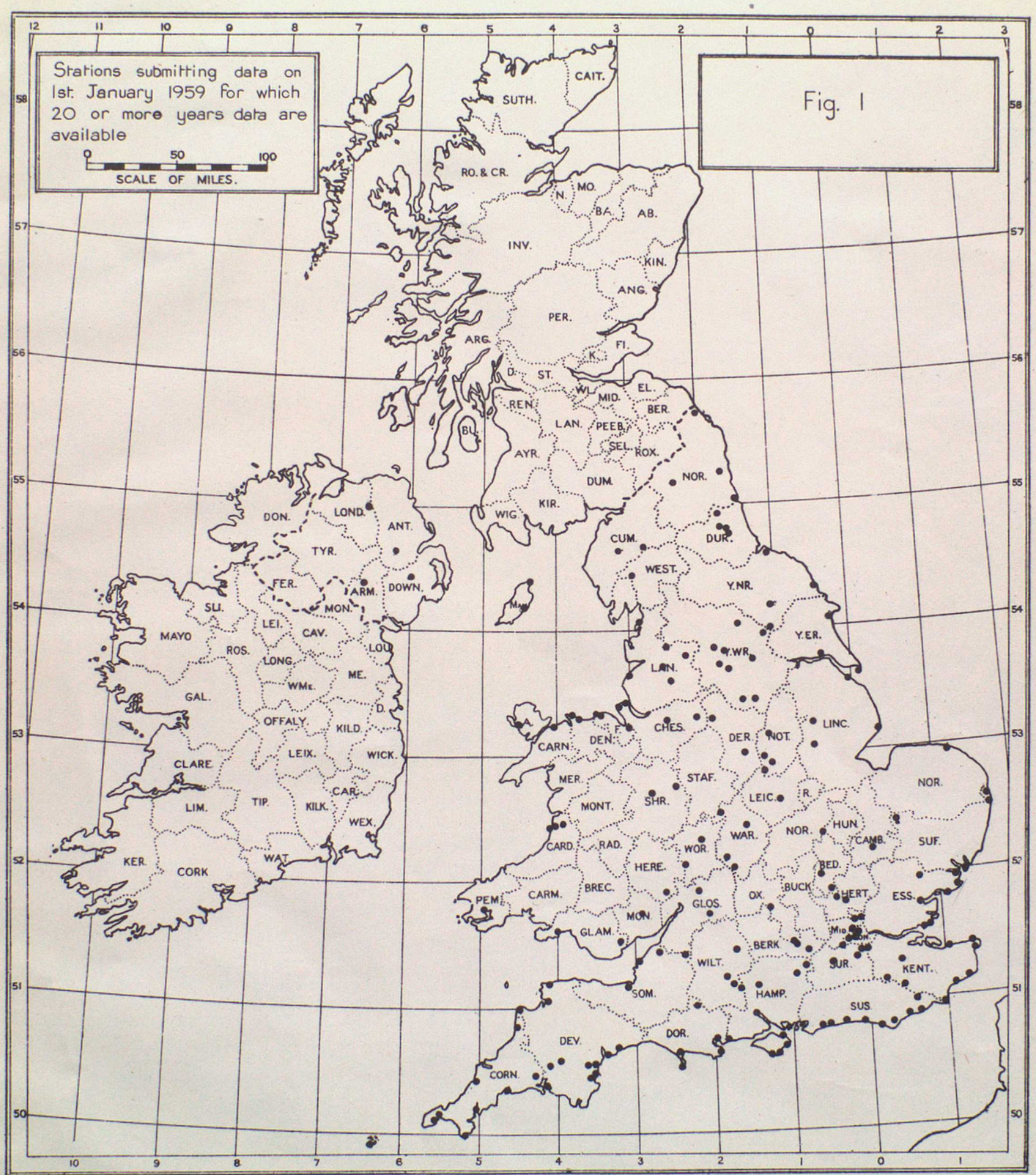
LIST B: stations whose observations have now ceased

Dist.	County	Name of station	Dates of records		Remarks
			Specified period	Other period(s)	
		70–79 yr.			
4	War.	Rugby	1871–Jan. 1948		Lawrence Sheriff School 1942–
	Here.	Hereford	1876–Nov.1951		
7	Lanc.	Blackpool	1880–Mar.1950		
8	Pem.	St. Anne's Head	Jul.1873–June.1951		
	Dev.	Cullompton	1880–1952		
		60–69 yr.			
3	Suff.	Thwaite	1827–1892		
	Ess.	Halstead	Dec.1892–Aug.1957		
4	Not.	Strelley	Jun.1895–Dec.1958	1881–1887	
8	Pem.	Tenby	1892–Jul.1957		
		50–59 yr.			
2	Y.N.R.	Rounton	1881–1931		
3	Norf.	Geldeston	1879–1928		
	Ess.	Chelmsford	1890–1939		
		East Ham	1905–May 1958		
4	Derby	Belper (Quarry Bank)	1884–Jan.1935		
5	I.O.W.	Totland Bay	Apr. 1889–Nov.1947		
		Ventnor (Hospital)	Mar. 1893–Feb.1951	1880–Jul.1892	Ventnor Hosp. and Ventnor Pk. ran concurrently from Dec.1933–Feb. 1951
7	Lanc.	Manchester (Whitworth Park)	1901–Jan. 1958		
	Ches.	Hoylake	1898–1950		
	Den.	Colwyn Bay	1908–Nov.1958	1880–Apr.1881 1894–1905	
8	Dev.	Ashburton	1880–1930		
		Barnstaple	1881–Jun.1937		Arlington Court
		40–49 yr.			
4	Y.W.R.	Cheadle	Nov.1874–1914	1916–1927	
	Not.	Hodsock Priory (Worksop)	1880–1925		
	Leic.	Belvoir Castle	1901–Sep. 1940		Nearly 40 yr.
	War.	Birmingham (Sparkhill)	1907–Sep. 1955		
		Leamington Spa	1911–Apr.1958		
5	Mid.	Sunbury	1795–1839		
	Kent	Lympne	1916–1956		
7	Cum.	Scaleby	1879–1927		
	Lanc.	Hutton	1911–Jun.1953		
		Lancaster	1893–1939	1884–1885	
	Mont.	Welshpool	Apr.1909–Aug. 1954	May 1957–June 1958	
8	Rad.	Rhayader	1916–1956		
	Dev.	Killerton Park	1901–May 1946		
		Rousdon	1884–1925		
		Woolacombe	1893–Sept.1935		
9	Ant.	Lisburn	1912–May 1955		(Also Friend's House 1903–1909)

Dist.	County	Name of Station	Dates of Record		Remarks
			Specified period	Other period(s)	
		30-39 yr.			
2	Dur.	Seaham	1873-1910		
3	Nor.	Hillington	1874-Mar.1913		
		Hunstanton	1921-1955		
	Suf.	Bungay	1916-Jun.1949		
	Cam.	Wryde	Feb.1881-Feb.1911		
4	Y.W.R.	Giggleswick	1906-1940	1873-1876	
		Meltham	1916-May 1948	1899-1911	
	Not.	Southwell	1882-1916		Near Strelley (List A, 60-69 years) q.v.
	Nort.	Oundle	1903-Sep. 1939		
	Ox.	Oxford (Magdalen College)	1870-1905		
	Shr.	Stokesay	1878-1910		
	Here.	Bromyard	Sept.1910-Sep.1942		
		Ross-on-Wye (The Graig)	1880-1915		Near Ross-on-Wye (List A 40-49 yr.) q.v.
	Glo.	Clifton	1896-1925		
5	Lon.	Greenwich Observatory	1921-Jul.1952	1883-1911	See 20-29 list
		Strand	1817-1854		
	Mid.	Tottenham	1906-Nov.1943		
	Sur.	Coopers Hill (Egham)	1872-1901		
		Wallington	Nov.1888-1926		
	Kent.	Chatham	1866-Jan.1904	1861-1862	
		Norwood	Jul.1877-May 1911		
	Berk.	Ascot	1921-1950		
	Hamp.	Grayshott	Mar. 1897-1931		
		Stratfield Turgiss	Aug.1863-Mar.1896		
		Swarraton	1884-1915		
	I.O.W.	Newport	1921-Aug.1957		
7	Cum.	Aspatria	1901-1935		
		Seathwaite	Dec.1880-1915		
	Lanc.	Leyland	1910-Jul.1946		
		Prestwick	1877-1915		
8	Brec.	Gwernyfed Park (Brecon)	1884-Oct.1922		
	Dor.	Holton Heath	1916-Jul.1946		
	Dev.	Salcombe	Oct.1901-Mar.1935		
	Corn.	Redruth	1908-Sep.1939		
9	Ant.	Belfast	1889-1920	1855-1858 & 1925-May 1931	
	Down	Donaghadee	1912-Jun.1942		
	Ch.Is.	Guernsey (Villa Carey)	Jan.1880-1911		Also various other stations covering 1852-1859, Apr.1902-May 1940, Jan.1949-
		20-29 yr.			
2	Nor.	North Shields	1873-1894	1897-1911	
		Rothbury	1890-1911		
	Y.N.R.	West Witton	Oct.1910-1935		
	Linc.	Fulbeck	1901-1925	1929	
		Raventhorpe	1891-1911		
3	Nor.	Norwich	1911-1930	1873-1877 & 1936-Feb.1948	
		Thetford	1932-1952	Jul.1948-Aug.1957	

Dist.	County	Name of station	Dates of records		Remarks
			Specified period	Other period(s)	
3	Suf.	Copdock	1916-Sep.1941		
4	Y.W.R.	Garforth	1902-1927		
		Huddersfield (Edgerton)	1902-1925		
	Not.	Kingston-on-Soar	1906-1925		
	Rut.	Uppingham	1875-1898		broken months in 1908-1910, 1913 and 1914
	Nort.	Northampton	Aug.1857-1883		
	Bucks.	Mursley	1916-Mar.1942		
	Shr.	Market Drayton	Jun.1936-1957	1905-Mar.1907	
		Wistanstow	Aug.1910-1930		
	Worc.	Perdiswell	1926-Aug.1951		
	Glo.	Parkend	1931-1956		
5	Lon.	Bunhill Row	1883-Jun.1911		Sunshine record still maintained St. Luke's
		Old Street E.C.	1884-1911		
		Greenwich Observatory	1883-1911	1921-Jul.1952	See 30-39 list
	Mid.	Isleworth	1905-1926	Oct. 1878-Sep.1886	
	Sur.	Beddington	1884-1911		
		Epsom	1886-1911		
		Weybridge	1868-1887		
	Kent	Canterbury	1916-Nov.1944	1901-Jan.1907	
	Sus.	Ardingly	Oct.1915-1935		
		Beachy Head	1924-Aug.1950		
		Selsey Bill	1908-1930	Dec. 1938-Mar. 1941	
		Westbourne	1892-1920	1929-1931	
	Berk.	Bucklebury Place	1905-1928		Woolhampton
	Hamp.	Calshot	1916-1941	Mar.1946-1955	
		Havestock	1883-Jul.1904		Near Winchester
	I.O.W.	Netley	1866-1886		
	Wilt	Malmesbury	May 1902-1925		
6	I.O.M.	Cronkbourne	1878-1905		
7	Lanc.	Fleetwood	Sept.1933-Mar.1955		
		Manchester (Oldham)	1892-1916	1926-June 1938	
	Flt.	Sealand	1924-Jul.1946		
8	Pem.	St. David's	1878-1902		
	Mon.	Cantref	1929-1951		
		Newport (Alltyryn Hosp.)	Aug.1926-Nov.1953		Also Friary St. Dec.1917-Jul.1926 and Cleppa Pk. Oct. 1952
	Dor.	Dorchester	Apr.1902-1926		
9	Lond.	Londonderry	1879-1901		
	Ch.Is.	Jersey (St. Aubins)	1897-Sep.1923	Mar.1875-1894	Also St. Helier Nov.1871-Jan.1875 and Apr.1924-May 1940 and Sep.1946-

G.1483/ED/5/59/50.


Stations submitting data on 1st. January 1959 for which 20 or more years data are available
0 50 100
SCALE OF MILES.
Fig. 1
CAIT.
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KENT.
SOM.
HAMP.
SUS
DEV.
DOR.
CORN.

8° 7° 6° 5° 4° 3° 2° 1° 0° 1° 2°
55° 54° 53° 52° 51° 50°
Fig. 2
Stations submitting data on 1st January 1959 for which past records exist as follows:—
30 - 39 years
40 - 49 "
⩾ 50 "

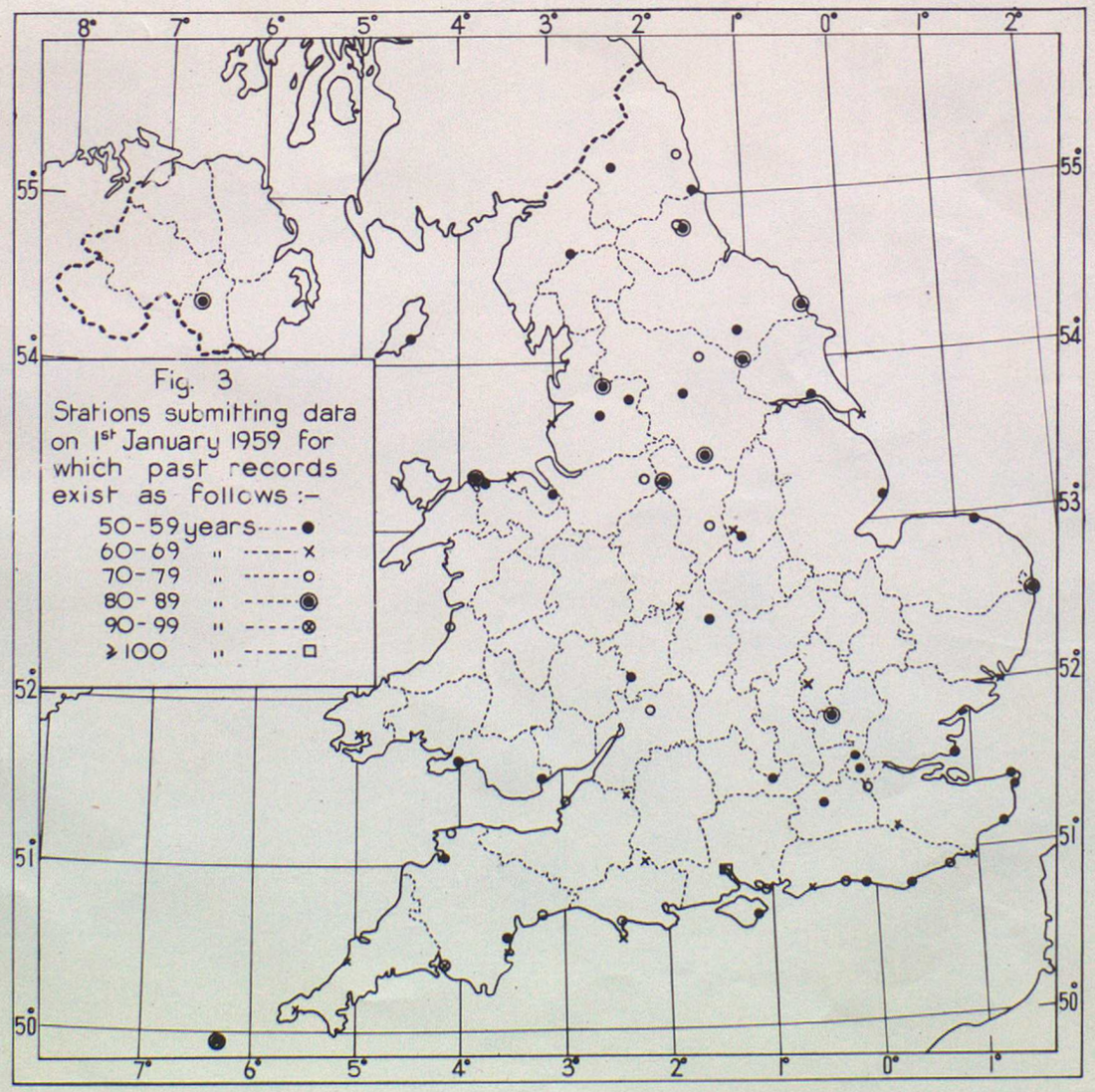
8° 7° 6° 5° 4° 3° 2° 1° 0° 1° 2°
55° 54° 53° 52° 51° 50°
Fig. 3
Stations submitting data on 1st January 1959 for which past records exist as follows:—
50 - 59 years
60 - 69 "
70 - 79 "
80 - 89 "
90 - 99 "
⩾ 100 "

FIG. 1 MEAN MONTHLY OGIVES OF WET-BULB TEMPERATURE

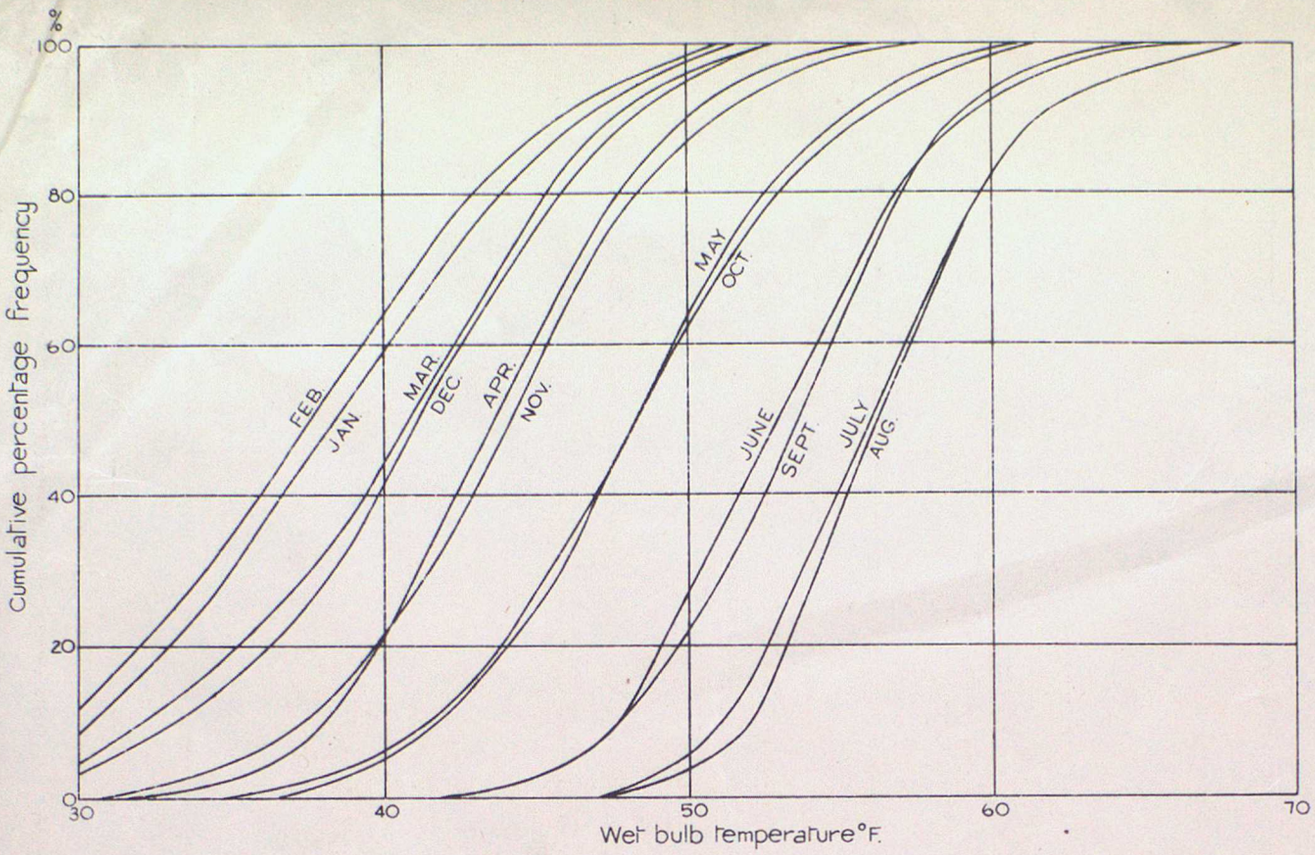

FIG. 2. MEAN MONTHLY CUMULATIVE PERCENTAGE FREQUENCY OF WET-BULB TEMPERATURE (°F.)